

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-012436

(43)Date of publication of application : 14.01.1997

(51)Int.Cl. A61K 7/16

(21)Application number : 07-165206 (71)Applicant : KAO CORP

(22)Date of filing : 30.06.1995 (72)Inventor : MUROI YOSHIYUKI
EGUCHI YASUTERU

(54) DENTIFRICE

(57)Abstract:

PURPOSE: To obtain wet method silica particle-containing dentifrice having aesthetic particle effect comprising enabling to recognize a stain-removing effect by the touch of the particles to an oral cavity and increasing the polishing force without giving a foreign touch to the oral cavity and damaging teeth.

CONSTITUTION: Dentifrice contains 1–30wt.% of wet method silica particles which have particle sizes passing through a 30 mesh sieve but not passing through a 200 mesh sieve, a collapse strength of 30–800gf/mm²/particle, and a polishing power expressed by a RDA value of ≤150. The BET method specific surface area and pore volume of the wet silica particles are preferably 150–450m²/g and 1–2.5ml/g, respectively, on the control of the collapse strength of the particles and the adsorption amounts of medicinal effect ingredients and a perfume. The wet method silica is obtained by a deposition method or a gel method, and can be processed into the particles without using a binder, thereby easily giving the dentifrice at a low cost.

LEGAL STATUS

[Date of request for examination] 09.08.2000

[Date of sending the examiner's decision of rejection] 09.03.2004

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection] 2004-06927

[Date of requesting appeal against examiner's decision of rejection] 07.04.2004

[Date of extinction of right]